IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

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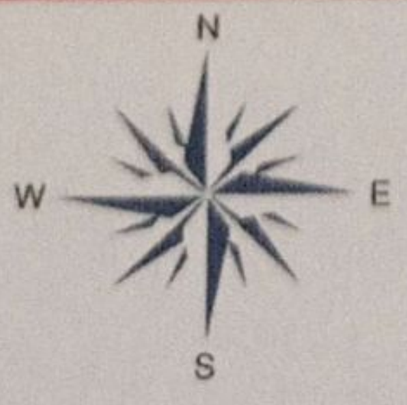

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Material Tests for Concrete 1:3:6

TEST REPORT ON FINE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	22-06-22

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

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IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

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Material Tests for Concrete 1:2:4

TEST REPORT ON FINE AGGREGATE

Name of work:	**Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division**
Location:	**Duo marvels Layout And Nisarga Park**
Client:	**Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore**
Name of the Agency:	**Sri. N. Jagadish**
Reference:	**EE(Project)/Ynk Zone/WO/179/2020-21**
Condition of Samples:	**IS 383-1970 (RA-2002), Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**01-06-22**

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

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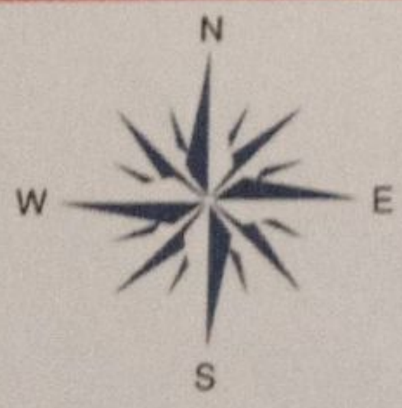

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IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

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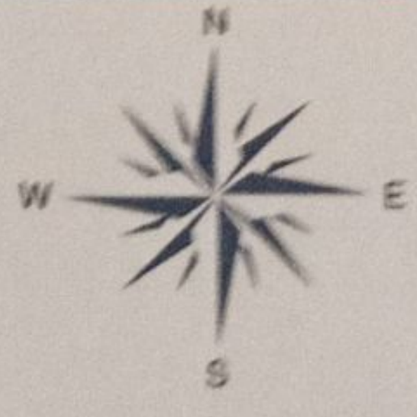

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Material Tests for Concrete M 25

TEST REPORTS ON FINE AGGREGATE

Name of work:	Package No. 16 Improvements to Neighbourhood Parks and providing Indoor Gym Equipments to Projects Carried in Ward No.56 and 54 in Yelahanka Satellite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Dasarahalli Layout in Ward No.56 in Yelahanka Satellite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No.54 in Yelahanka Satellite Town Sub Division 4.Improvements to Parks in Ward No.54 in Yelahanka Satellite Town Sub Division
Location:	Dasarahalli Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project, BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Projects)/Yela Zone/WO/13/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	03-08-22

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

Assl. Executive Engineer
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10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

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Material Tests for Concrete 1:3:6

TEST REPORT ON COARSE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	21-05-22

Total Wt of Aggregate in Gms: 2300

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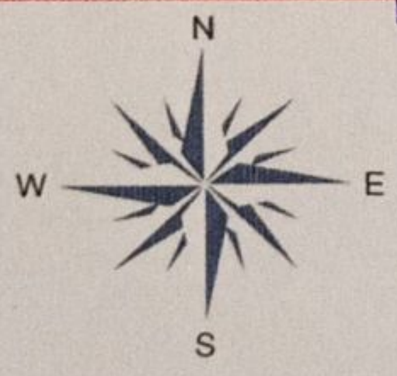

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IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

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TEST REPORT ON COARSE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	27-05-22

Total Wt of Aggregate in Gms: 2300

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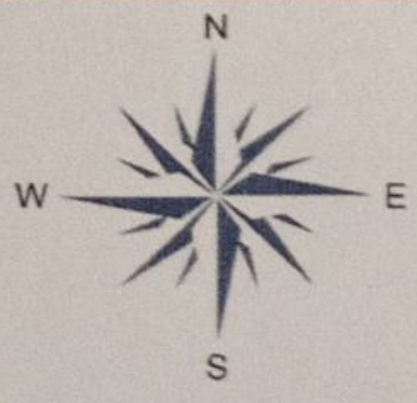

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40	0	0	0	100	100
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10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

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TEST REPORT ON COARSE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	03-06-22

Total Wt of Aggregate in Gms: 2300

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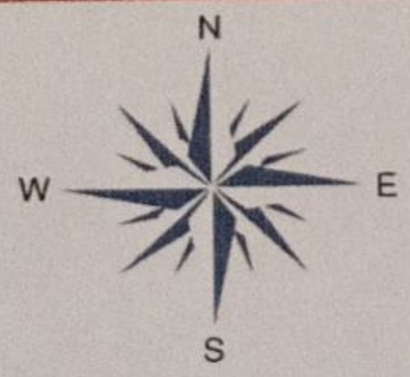

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TEST REPORT ON COARSE AGGREGATE

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Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	22-06-22

Total Wt of Aggregate in Gms: 2300

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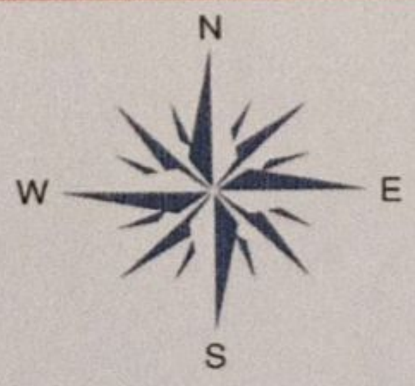

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40	0	0	0	100	100
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10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

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Material Tests for Concrete 1:2:4

TEST REPORT ON COARSE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	01-06-22

Total Wt of Aggregate in Gms: 2300

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40	0	0	0	100	100
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10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

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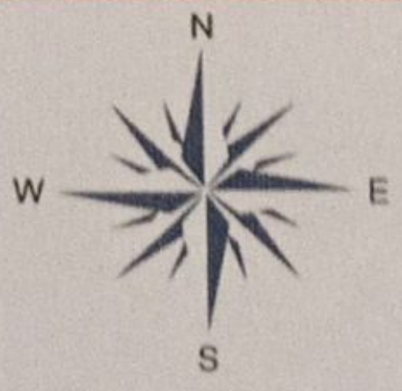

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Material Tests for Concrete 1:2:4

TEST REPORT ON COARSE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	03-06-22

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

Total Wt of Aggregate in Gms: 2300

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Project Division
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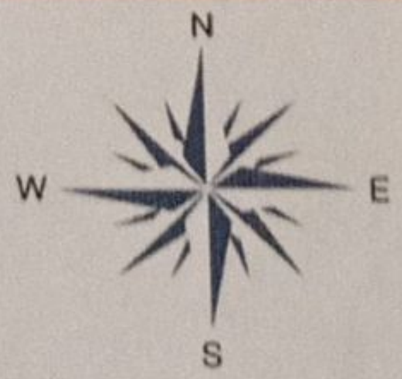
BBMP, Bangalore - 92



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IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

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TEST REPORT ON STEEL

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	20-05-22

Steel Test Calculation for Drain at Vivekananda Park

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/	0.378	0.363	0.589	0.567	0.850	0.834

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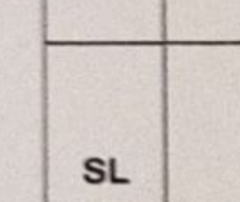

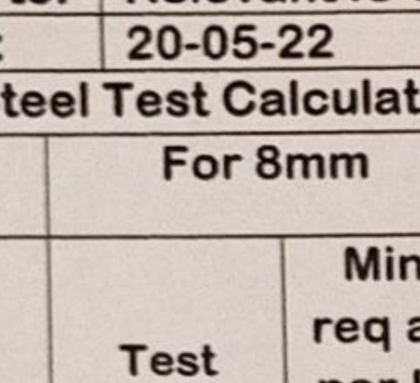

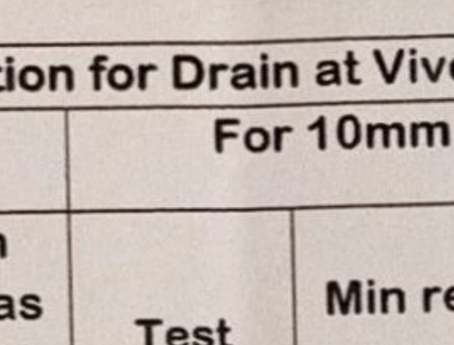

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